

CLAIMS

I claim:

- 1) A device for moving air from outside an enclosed space into said enclosed space, comprising:
 - a) a means for moving said air in sufficient quantities whereby a higher air pressure is maintained within said enclosed space compared to that of the air pressure outside said enclosed space, and
 - b) a means for removing contaminates from said air before it is introduced into said enclosed space, and
 - c) a means for introducing said air into said enclosed space sandwiched between said means for moving said air and said means for removing contaminates from said air, and
 - d) a means for joining into one contiguous device said means for moving said air and said means for removing contaminates and said a means for introducing said air,
 - e) whereby the occupants of said enclosed space are provided sufficient air for breathing and are protected from said contaminates in said air.
- 2) The device of Claim 1 wherein said means for removing contaminates comprises a plurality of filter modules, each of the modules being capable of removing a specific contaminant from the air.
- 3) The device of Claim 2 wherein said filter modules have a

circular male-threaded connector on the air intake side of the module and a circular female-threaded connector on the outflow side of the module so that said filter modules can be attached one to the other and to said means for introducing said air.

- 4) The device in Claim 3 wherein said filter modules can be connected in series so that they can remove a multitude of contaminates from the air.
- 5) The device of Claim 1 wherein said means for introducing said air into said enclosed space has a circular male-threaded exterior connector on the air intake side of said means for introducing said air and a interior coupling on the outflow side of said means for introducing said air so that said filter modules can be connected to said exterior connector and said means for moving said air can be connected to said interior coupling.
- 6) The device of Claim 5 wherein said means for introducing said air into said enclosed space has said circular male-threaded exterior connector outside said enclosed space and said interior coupling inside said enclosed space.
- 7) The device of Claim 1 wherein said enclosed space is an existing room.
- 8) The device of Claim 7 wherein said means for introducing

said air into said enclosed space is inserted in an existing window of said enclosed space.

- 9) The device of Claim 7 wherein said means for introducing said air into said enclosed space is built into a wall of said enclosed space.
- 10) The device of Claim 1 wherein said means for moving said air is connected to said means for introducing said air with an air flow conduit.
- 11) The device of Claim 1 wherein said means for moving said air is connected directly to said means for introducing said air by way of said interior coupling on said means for introducing said air and a fan inlet connector on said means for moving said air.
- 12) The device of Claim 1 wherein said means for moving said air is a fan.
- 13) The device of Claim 1 wherein said means for moving said air is a blower.
- 14) The device of Claim 1 wherein said means of joining into one contiguous device comprises the heretofore connectors and couplings, and a gasket material to hermetically seal the connections.
- 15) A device for pulling air through a means for removing contaminates and into an enclosed space from outside said enclosed space in sufficient

Patent Application of Thomas J. Maskell for "A Room-Air Cleaner and Pressurizing Apparatus" continued — 18

quantity so that the air pressure of said enclosed space is raised above that of the air pressure outside said enclosed space.

- 16) The device of Claim 15 wherein said device for pulling air is a fan.
- 17) The device of Claim 15 wherein said means for removing contaminates is a plurality of filter modules.
- 18) The device of Claim 15 wherein said device for pulling air is connected to said means for removing contaminates by a window insert assembly with hermetically sealed connections to prevent outside air from entering the cleaned air stream.
- 19) The device of Claim 15 wherein said enclosed space is an existing room.
- 20) The device of Claim 19 wherein said device for pulling air is disposed within said room while connected to said means for removing contaminates that is disposed outside said room.